Rencontres de Statistiques Mathématiques 7

CIRM, 17-21 décembre 2007

Lundi 17 décembre :

- 9h10-9h45 Giné Evarist (University of Connecticut)

  Adaptive density estimation in the sup norm by wavelet thresholding.

- 9h45-10h20 Nickl Richard (University of Connecticut)

  Adaptive density estimation in the sup norm II; Kernel density estimators and Lepski's method.

- 10h50-11h25 Hoffmann Marc (Université Marne-la-Vallée)

  Statistical analysis of self-similar conservative fragmentation chains.

- 11h25-12h Rohde Angelika (Weierstrass Institute)

  Confidence regions for the optimal approximating model - bridging a gap between adaptive point estimation and confidence regions.

- 16h-16h35 Hohage Thorsten (Gottingen University)

  Tikhonov regularization for nonlinear statistical inverse problems.

- 16h35-17h10 Comte Fabienne (Université Paris 5)

  Adaptive estimation of linear functionals in the convolution model.

- 17h40-18h15 Marteau Clément (Université Aix-Marseille 1)

  Risk hull method for general families of estimators.

- 18h15-18h50 Malyutov Mikhail (Northeastern University)

  Survey of Universal Compressors use for Statistical Discrimination.

Mardi 18 décembre :

- 9h10-9h45 Kerkyacharian Gérard (Université Paris 10)

  Denoising and Radon transform by needlets I.

- 9h45-10h20 Le Pennec Erwan (Université Paris 7)

  Denoising and Radon transform by needlets II.

- 10h50-11h25 Sapatinas Theofanis (University of Cyprus)

  Functional wavelet deconvolution in a periodic setting : uniform and non-uniform cases.

- 11h25-12h Rivoirard Vincent (Université Paris 11)

  Adaptive thresholding estimation of a Poisson intensity with infinite support.

- 16h-16h35 Iouditski Anatoli (Université Grenoble 1)

  Nonparametric estimation by convex programming.

- 16h35-17h10 Nazine Alexander (Institute of Control Sciences)

  Solution to multi-armed bandit problems via mirror descent algorithms.

- 17h40-18h15 Ingster Yuri (St-Petersbourg State Elec.)

  On estimation and detection of a function from tensor product spaces.

- 18h15-18h50 Kleptsyna Marina (Université du Mans)

  On the linear exponential filtering problem for general Gaussian processes.

Mercredi 19 décembre :

- 9h10-9h45 Vanhems Anne (Ecole supérieure de commerce Toulouse)

  A unified approach to solve ill-posed inverse problems in econometrics.

- 9h45-10h20 Florens Jean-Pierre (Université Toulouse 1)

  Regularized posteriors in linear ill-posed inverse problems.

- 10h50-11h25 Johannes Jan (Heidelberg University)

  Regularized estimation in functional linear regression model.

- 11h25-12h Van Bellegem Sébastien (Université Catholique de Louvain)

  Hilbert-scale regularization for functional estimation under conditional moment conditions.

Jeudi 20 décembre :

- 9h10-9h45 Abramovich Felix (Tel Aviv University)

  Bayesian testimation in the normal means problem.

- 9h45-10h20 Gill Richard (Utrecht University)

  To be announced.

- 10h50-12h Reiss Markus (Heidelberg University)

  and Rozenholc Yves (Université Paris 5)

  Robust adaptive estimation for medical dynamical image.

- 16h-16h35 Ritov Yaacov (Hebrew University of Jerusalem)

  Exponential forgetting of the filter for general-space HMM: a coupling approach.

- 16h35-17h10 Rosasco Lorenzo (University of Genova)

  Learning and variable selection with elastic net regularization.

- 17h40-18h15 Matzner-Löber Eric (Université Rennes 2)

  Iterative bias reduction and boosting.

- 18h15-18h50 Castro Rui (Rice University)

  Active learning and adaptive sampling.

Vendredi 21 décembre :

- 9h10-9h45 Lesosky Maia (University of Guelph)

  Regularized solutions of Fredholm integral equations on the Euclidean motion group.

- 9h45-10h20 Gendre Xavier (Université Nice)

  Simultaneous estimation of the mean and the variance in Gaussian heteroscedastic regression.

- 10h50-11h25 Nguyen Tu (Université Paris 7)

  Wavelet estimations for longitudinal data.

- 11h25-12h Lacour Claire (Université Paris 5)

  Adaptive estimation of the dynamics of a discrete time stochastic volatility model.